

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036779.D
 Acq On : 18 Sep 2018 8:38
 Operator : JU/SJ
 Sample : J4935-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 11:27:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

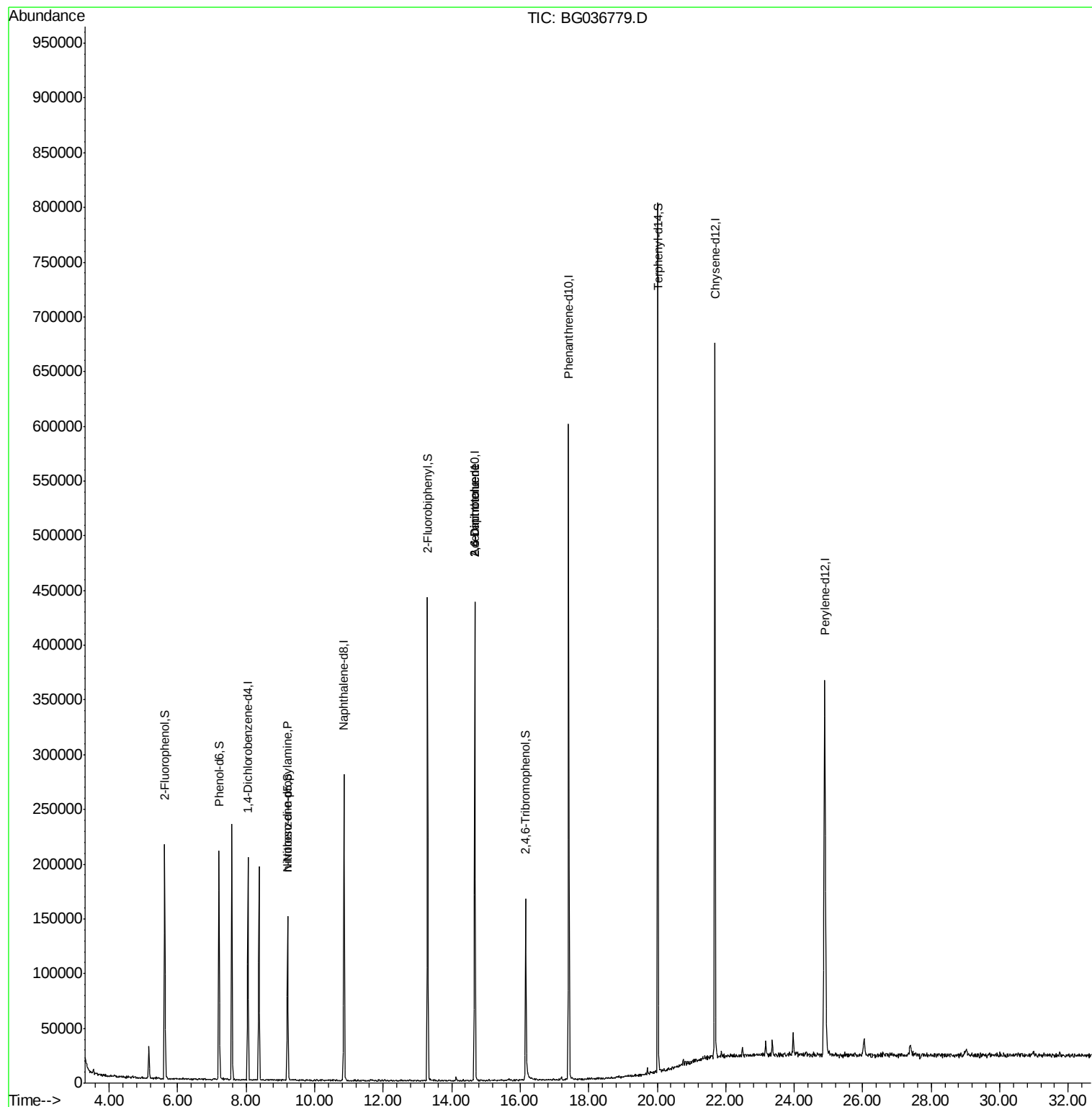
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58926	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	240732	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156195	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	385821	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	400146	20.00	ng	0.00
86) Perylene-d12	24.89	264	387519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91341	24.59	ng	0.00
7) Phenol-d6	7.20	99	121304	22.81	ng	-0.01
23) Nitrobenzene-d5	9.21	82	92013	20.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	38880	20.86	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	234589	21.44	ng	-0.01
78) Terphenyl-d14	20.02	244	392533	22.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	11899	2.994	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	19726	7.516	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	19726	5.767	ng	# 19

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036779.D
Acq On : 18 Sep 2018 8:38
Operator : JU/SJ
Sample : J4935-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 18 11:27:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



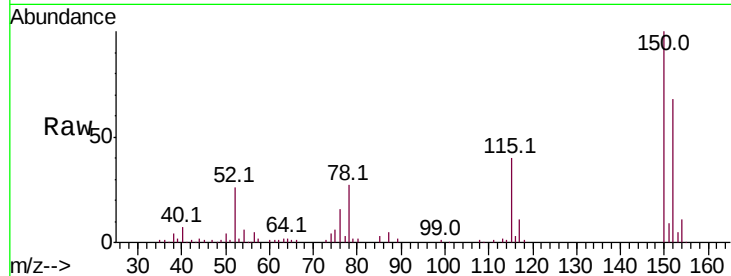


#1

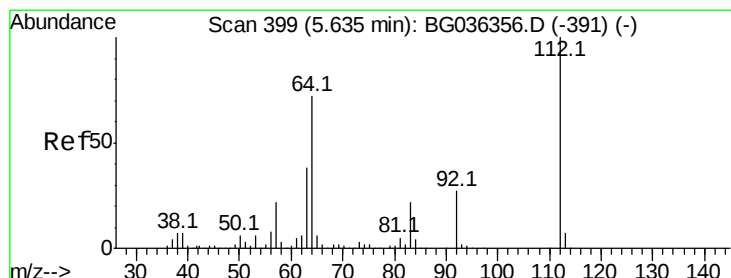
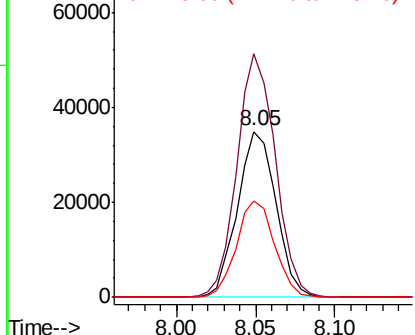
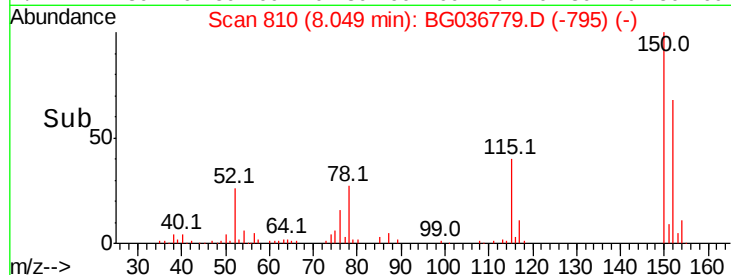
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	58.0	44.5	66.7



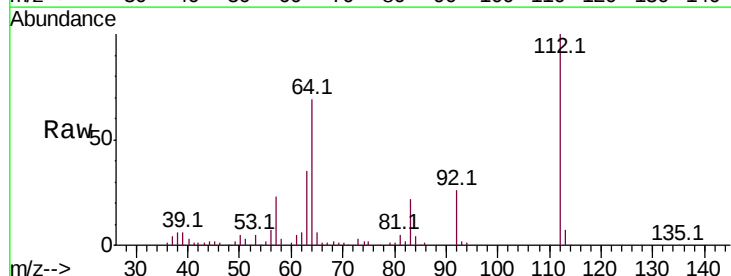
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



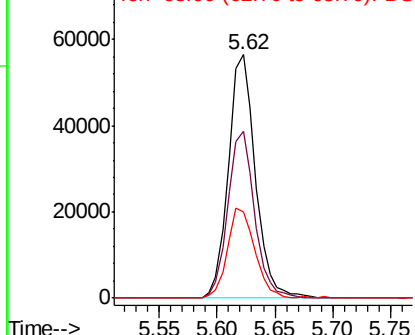
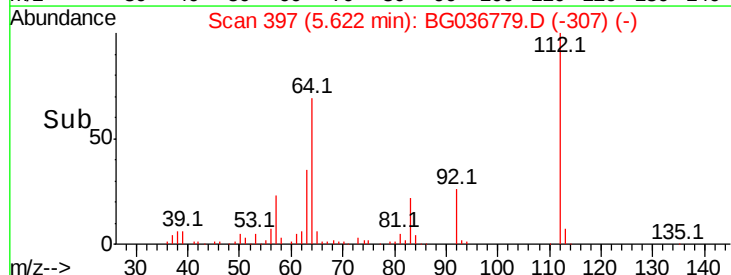
#5

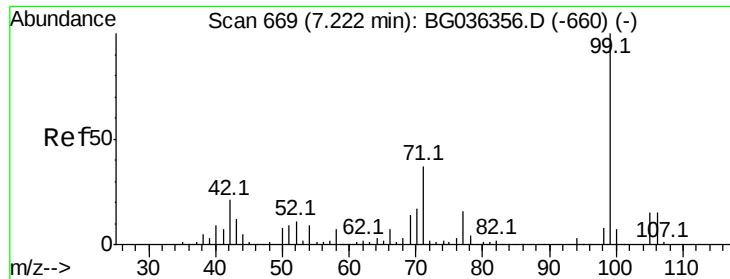
2-Fluorophenol
 Concen: 24.589 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	35.5	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 22.808 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

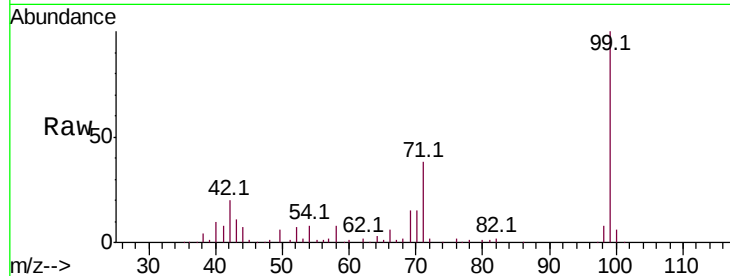
Tot Ion: 99 Resp: 121304

Ion Ratio Lower Upper

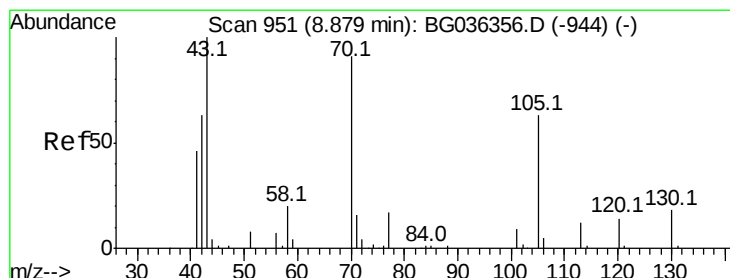
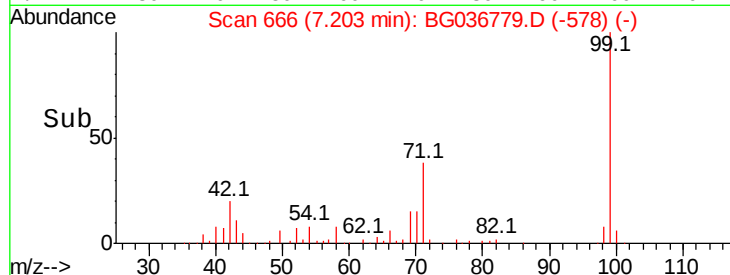
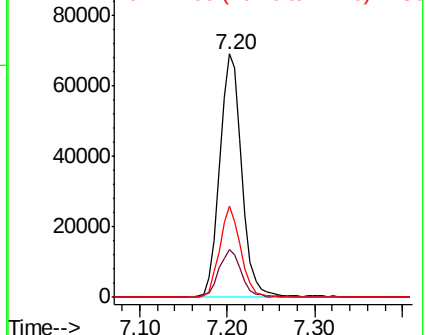
99 100

42 19.7 16.5 24.7

71 37.7 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 2.994 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Tgt Ion: 70 Resp: 11899

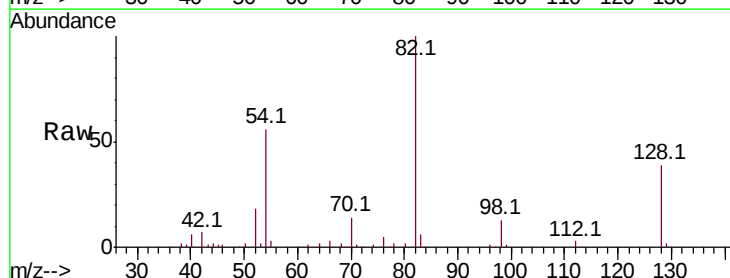
Ion Ratio Lower Upper

70 100

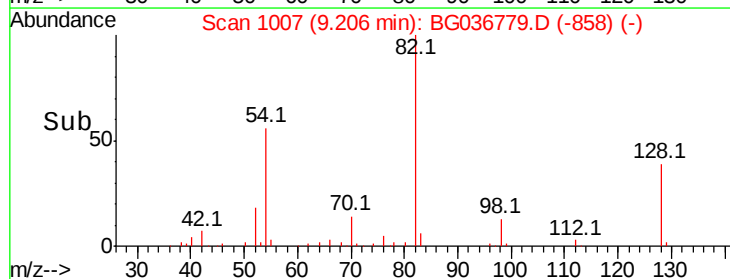
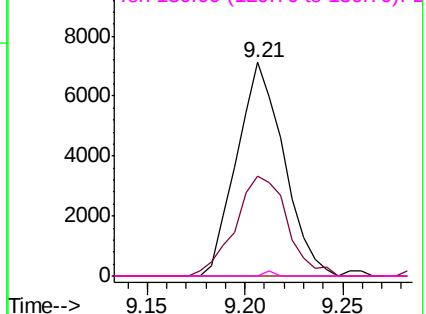
42 46.9 56.2 84.4#

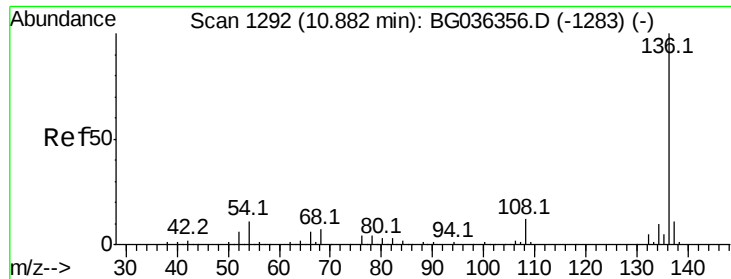
101 0.0 7.8 11.6#

130 0.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

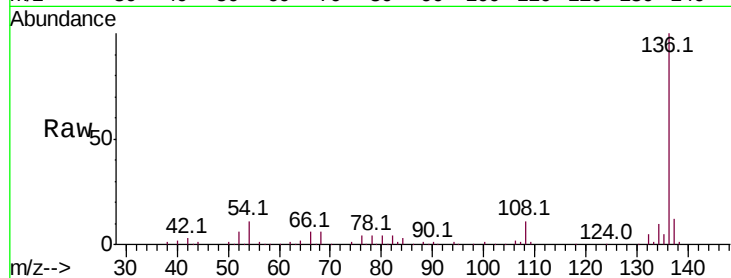




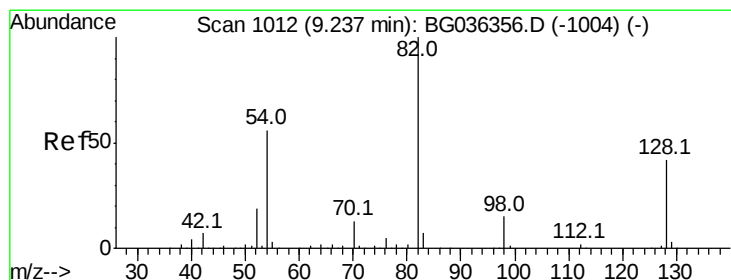
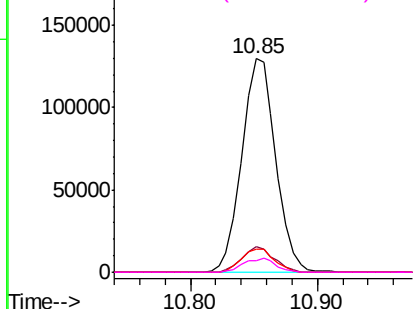
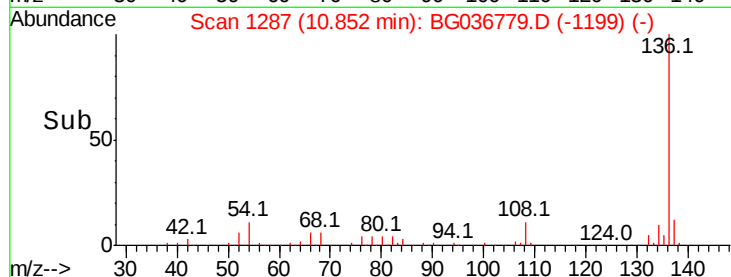
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	240732
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.0	9.2	13.8
68	5.6	5.8	8.6#

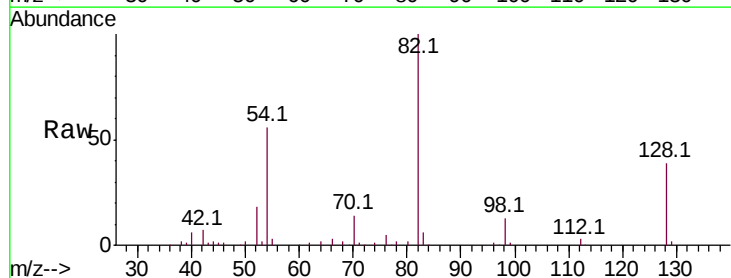


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

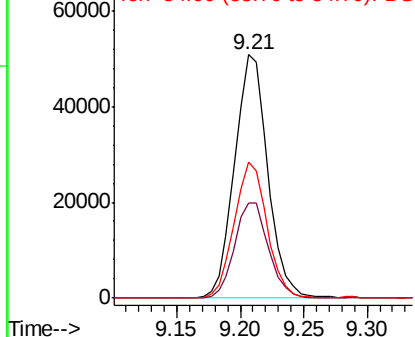
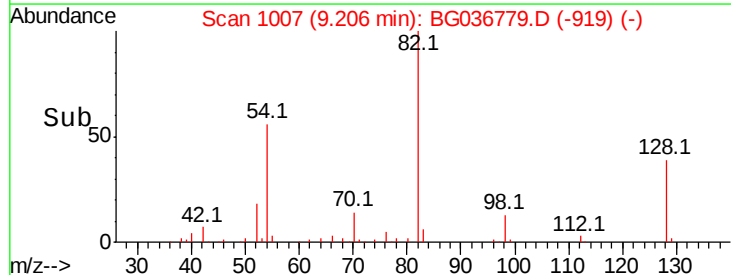


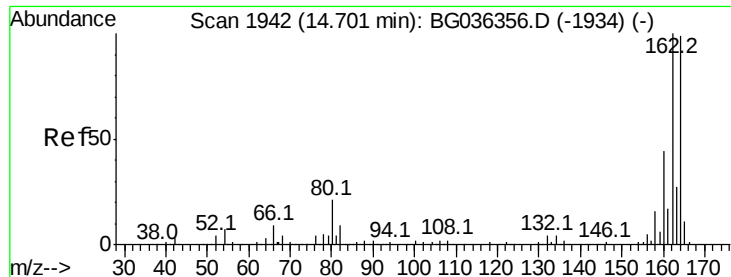
#23
Nitrobenzene-d5
Concen: 20.738 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:	82	Resp:	92013
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	55.8	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Instrument :

BNA_G

ClientSampled :

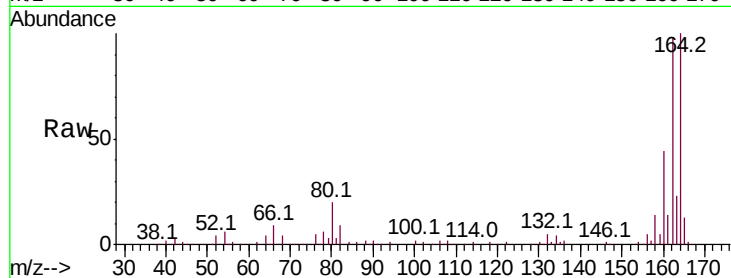
Tot Ion:164 Resp: 156195

Ion Ratio Lower Upper

164 100

162 98.3 80.7 121.1

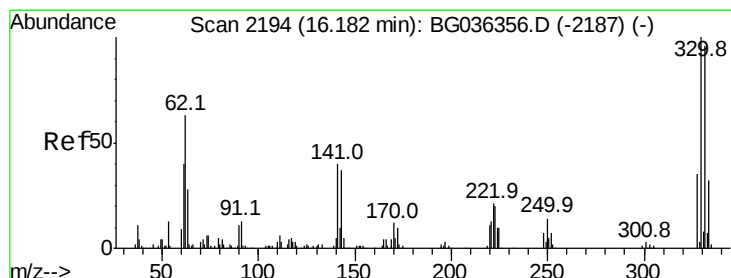
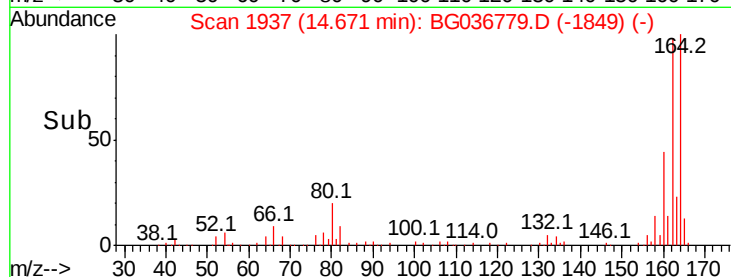
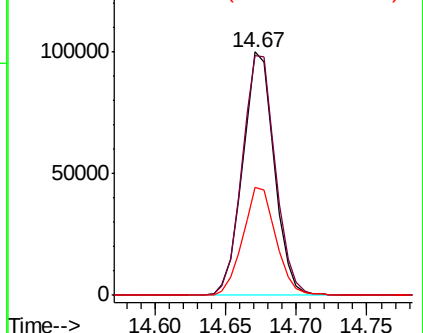
160 44.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 20.861 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

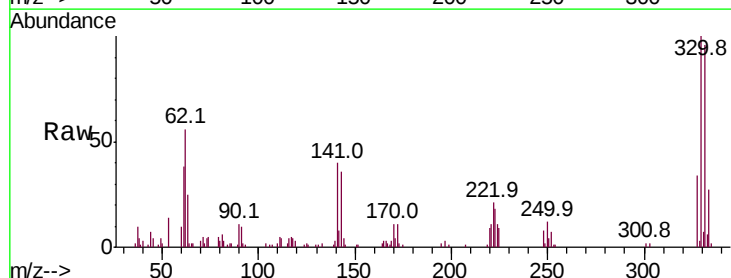
Tgt Ion:330 Resp: 38880

Ion Ratio Lower Upper

330 100

332 94.0 75.4 113.2

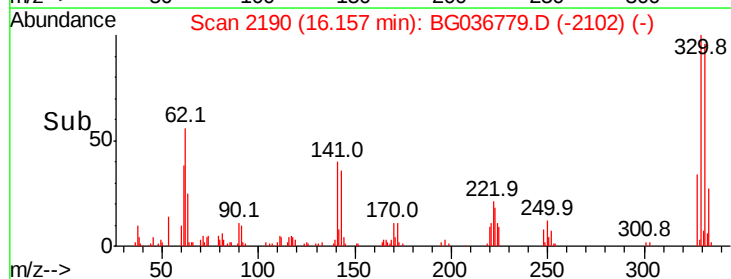
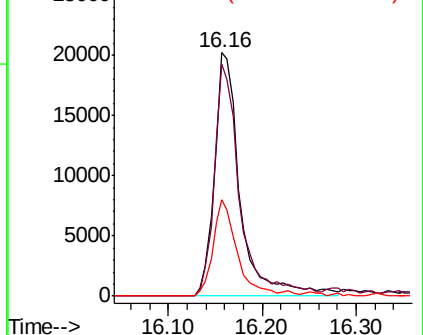
141 36.2 30.7 46.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

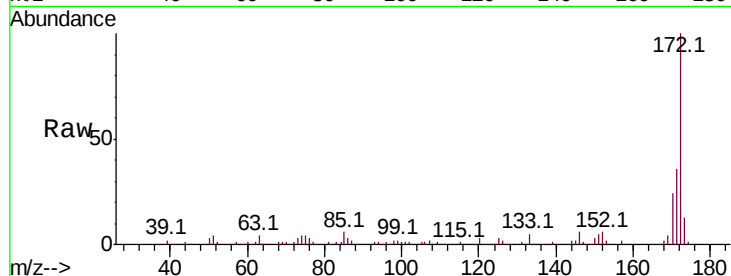




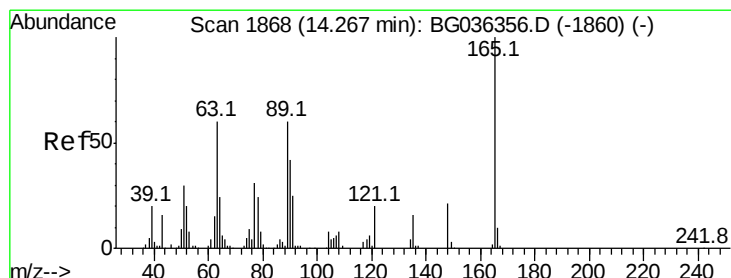
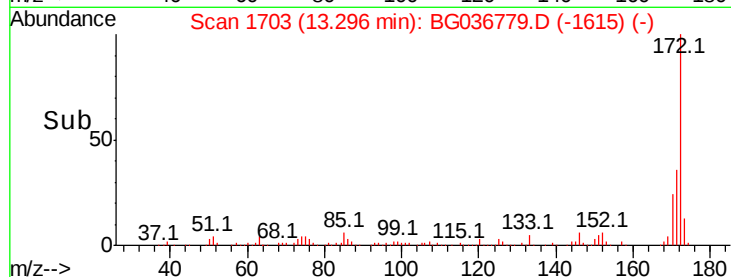
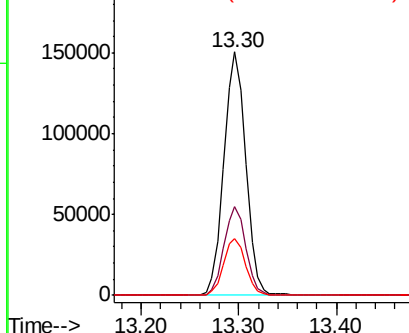
#44
 2-Fluorobiphenyl
 Concen: 21.444 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	23.5	21.0	31.6

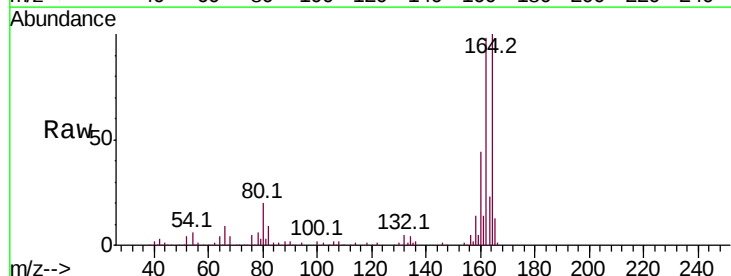


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

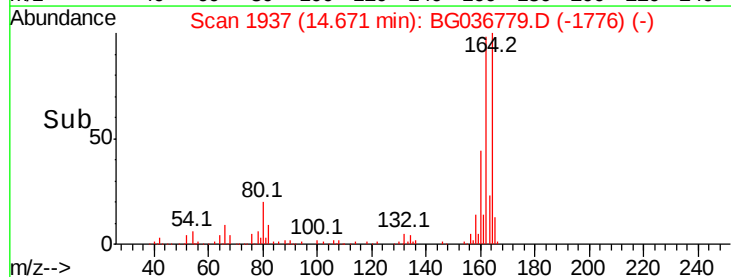
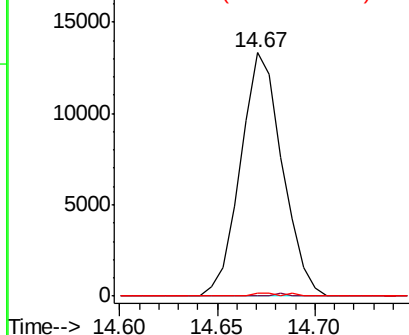


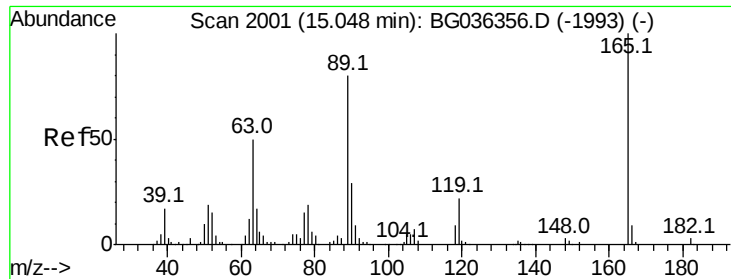
#50
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.2	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

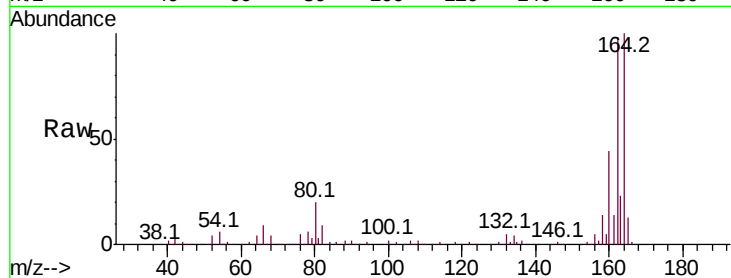




#56
 2,4-Dinitrotoluene
 Concen: 5.767 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.2	63.7	95.5#
182	0.0	2.5	3.7#



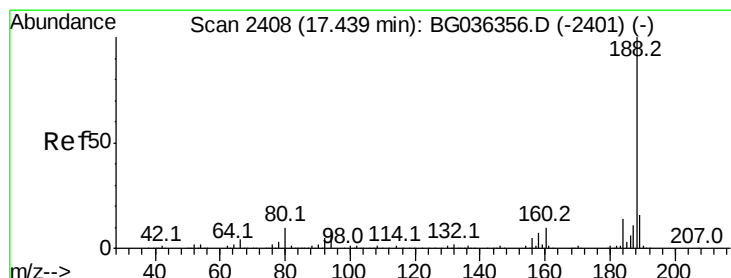
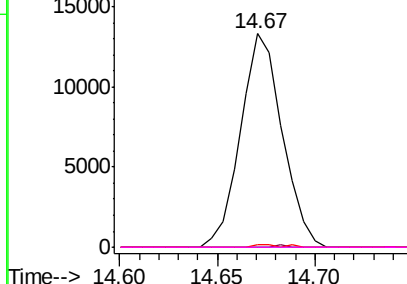
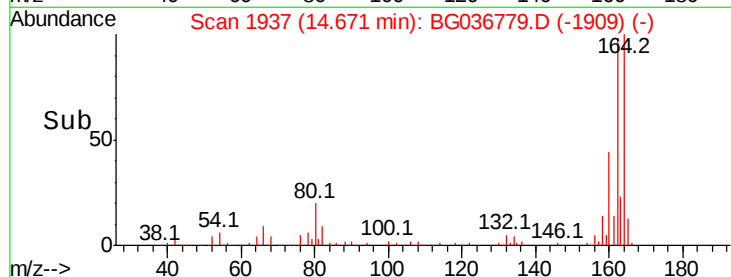
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

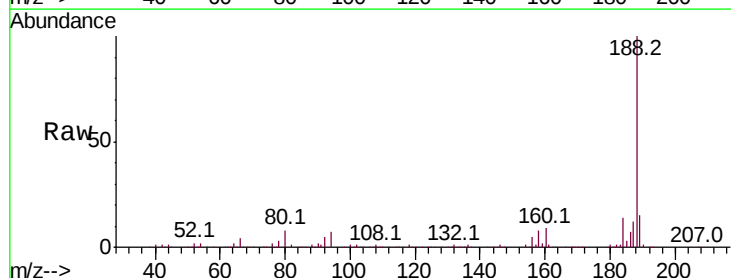
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.4	8.1	12.1

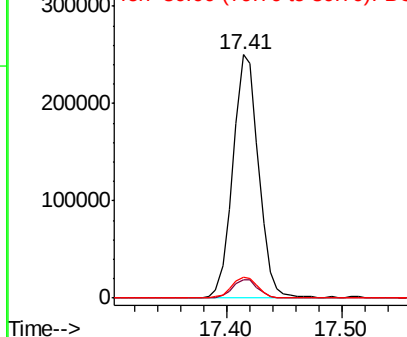
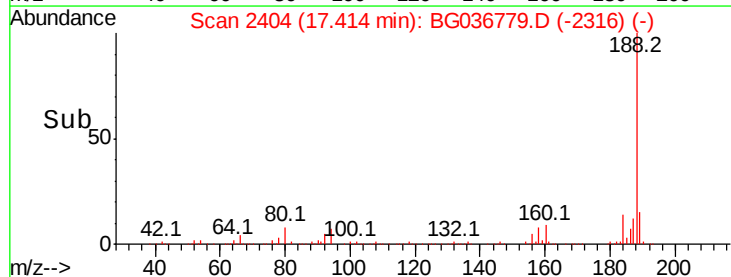


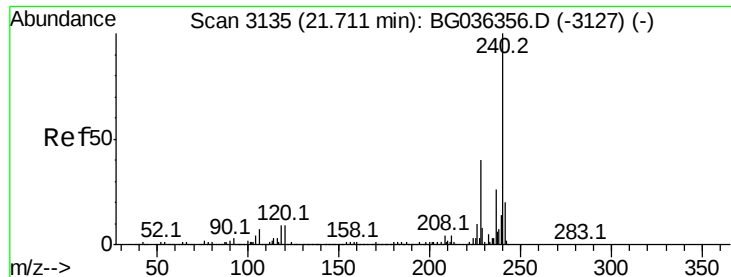
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

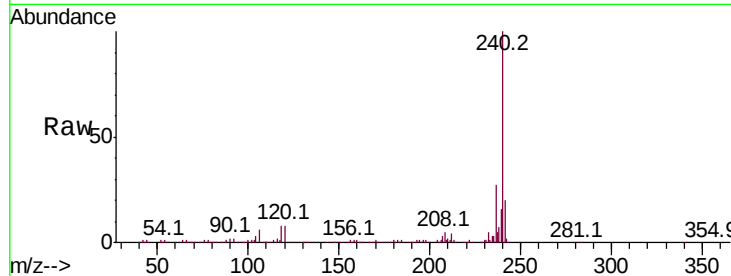
Tot Ion:240 Resp: 400146

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

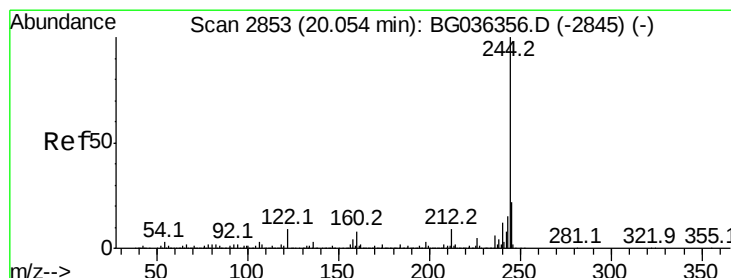
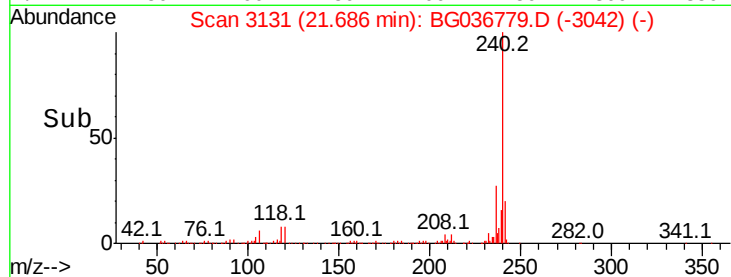
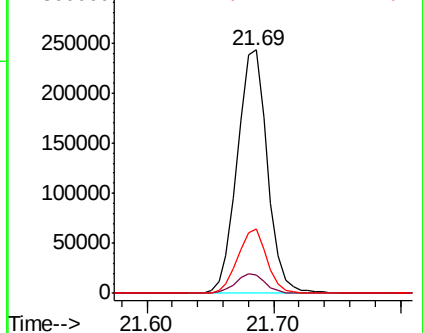
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 22.929 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

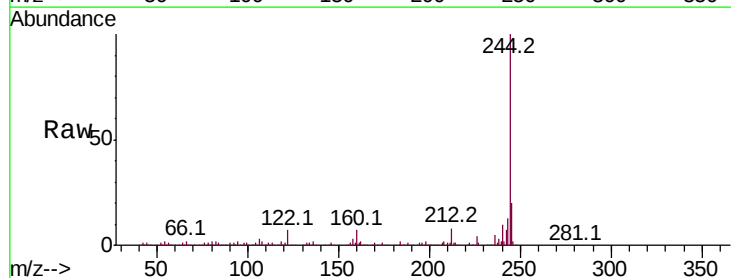
Tgt Ion:244 Resp: 392533

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

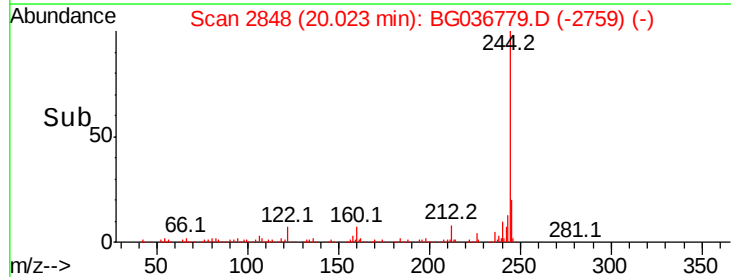
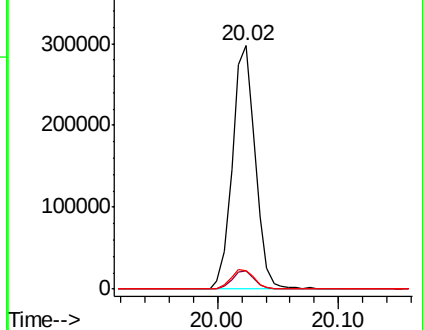
122 7.3 7.1 10.7

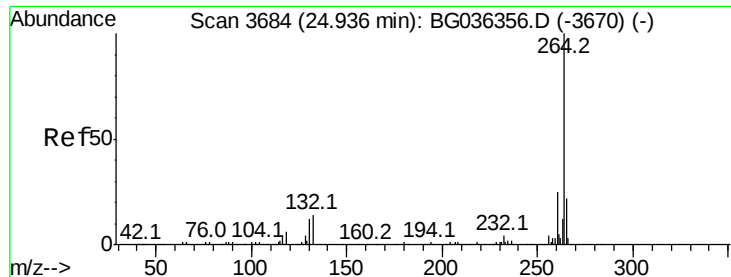


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	387519
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	20.8	17.4	26.0

